TABLE OF CONTENTS

	PAGE
Contributions to the Study of the Trypetheliaceae.....George Thomas Johnson	1–50
On the Stelar Anatomy of the Pteridosperms, with Particular Reference to the Secondary Wood.....Henry N. Andrews	51–118
Monograph of the Genus Baptisia..... .....Mary Maxine Larisey	119–244
A Revision of the North American Species of the Genus Thermopsis.....Mary Maxine Larisey	245–258
Supplementary Notes on Salvia: Audibertia .....Carl C. Epling	259–262
Mertensia Drummondii (Lehm.) G. Don... .....Louis O. Williams	263–264
Contributions Toward a Flora of Panama. IV. Miscellaneous Collections, chiefly by Paul H. Allen..... ..Robert E. Woodson, Jr. and Robert W. Schery	265–364
An Attempt to Record Internal Tree-Trunk Pressures.....August P. Beilmann	365–370
A Monograph of the Genus Calochortus... .....Marion Ownbey	371–560
Observations on the Cultural and Pathogenic Habits of *Thielaviopsis basicola* (Berk. & Br.) Ferraris..Ralph Edmund Rawlings	561–598
General Index to Volume XXVII.....	599–606

STAFF
OF THE MISSOURI BOTANICAL GARDEN

Director
GEORGE T. MOORE

HERMANN VON SCHRENK,
Pathologist

JESSE M. GREENMAN,
Curator of the Herbarium

CARROLL W. DODGE,
Mycologist

EDGAR ANDERSON,
Geneticist

ROBERT E. WOODSON, JR.
Assistant Curator of the Herbarium

NELL C. HORNER,
Librarian and Editor of Publications

BOARD OF TRUSTEES
OF THE MISSOURI BOTANICAL GARDEN

President
GEORGE C. HITCHCOCK

Vice-President
DANIEL K. CATLIN

L. RAY CARTER
DUDLEY FRENCH
GEORGE T. MOORE
EUGENE PETTUS
A. WESSEL SHAPLEIGH
ETHAN A. H. SHEPLEY

EX-OFFICIO MEMBERS

GEORGE R. THROOP,
Chancellor of Washington University

WILLIAM SCARLETT,
Bishop of the Diocese of Missouri

BERNARD F. DICKMANN,
Mayor of the City of St. Louis

A. H. TIMMERMAN,
President of the Academy of Science of St. Louis

JUDGE MAX C. BARON,
President of the Board of Education of St. Louis

GERALD ULRICI, *Secretary*